

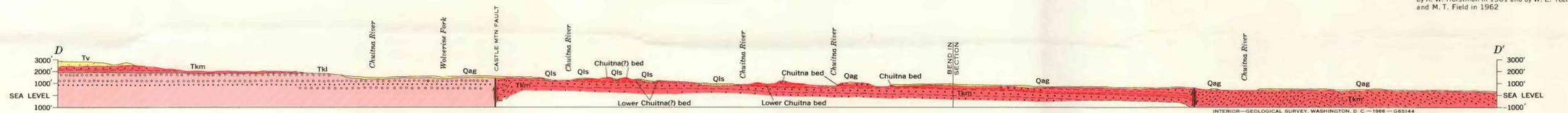
151°52'30" R. 14 W. 45' 40' 35' 30' 25' 20' 15' 10' 5' 0' 151°07'30"
61°20' T. 14 N. 15' 10' 5' 0' T. 13 N. 10' 5' 0' T. 12 N. 5' 0' T. 11 N. 0' 151°00' 151°30' 25' R. 12 W. 20' 15' R. 11 W. 10' 5' 0' 151°07'30"

Base from U.S. Geological Survey topographic quadrangles: Tyonek A-4, A-5, B-4, and B-5, Alaska, 1954, 1958

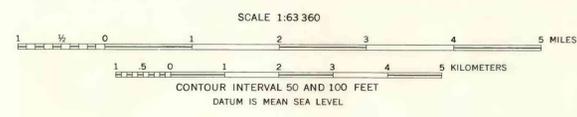
EXPLANATION

- | | | |
|------------------------|--|---|
| Quaternary and Recent | | Landslide deposits
Mainly slumped beds of Kenai Formation |
| | | Unconsolidated deposits
Include stream and beach deposits, glacial till and outwash gravel, colluvium, and small areas of landslide debris |
| Miocene or younger | | Volcanic deposits
Mainly lapilli and ash, locally shows stratification in beds of varying degrees of induration. Uppermost horizontal beds may be post-Tertiary in age |
| | | Kenai Formation
Sandstone, minor conglomerate, siltstone claystone, and coal in middle member (Tkm); mainly pebbly sandstone and conglomerate in lower member (Tkl) |
| Tertiary | | Kenai Formation (continued) |
| | | Granitic intrusive rocks |
| Jurassic or Cretaceous | | Granitic intrusive rocks |
| | | Granitic intrusive rocks |

- | | |
|--|--|
| | Contact
Dashed where approximately located |
| | Fault
Dashed where inferred, dotted where concealed, U, upthrown side; D, downthrown side |
| | Anticline
Showing crestline. Dashed where approximately located. Short arrow indicates steeper limb |
| | Syncline
Showing troughline and direction of plunge. Dashed where approximately located |
| | Outcrop of coal bed
Dashed where approximately located; dotted where concealed |
| | Strike and dip of beds |
| | Horizontal beds |
| | Location of measured section
Number corresponds to number in text and on graphic sections |



GEOLOGIC MAP AND SECTION OF BELUGA AND CHUITNA RIVER AREAS, ALASKA



Geological mapping by F. F. Barnes, assisted by A. W. Horstman in 1961 and by W. E. Yeend and M. T. Field in 1962

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